Rosewill

LCD TV R908TV R918TV
User Manual

Chapter 1 Introduction

This chapter provides basic information about your LCD TV.

Read this chapter to learn about:

- Features
- Warnings and safeguards
- Package contents
- Controls and connections

Features

- Bright, flick-free image
- Automatic detection and conversion of film content for correct display with minimal motion artifacts
- Accurate color processing
- HDTV signal compatibility
- Multi-Scan support
- Built-in internal amplifier and speakers
- 1280*1024 SVGA support for computer input

Important safeguards

Risk of electric shock – Do not open

To reduce the risk of electric shock, do no remove the back cover. There are no user-serviceable parts inside.
Removing the back cover voids the warranty.
Have your LCD TV repaired by qualified service personnel only.

Warnings and precautions

- Do not place your hands, face, or objects close to the ventilation openings of you LCD TV. The top of your LCD TV gets very hot from exhaust air that is released through the ventilation openings. Burns or personal injuries may occur if you are too close the LCD TV. Damage may occur if you place any object near the top of your LCD TV.

- Disconnect all cables before moving you LCD TV. Moving you LCD TV with its cables attached may damage the cables and cause fire or electric shock danger.

- Do not expose you LCD TV to rain or moisture.

- Keep your LCD TV away from excessive dust, high temperatures, moisture, or direct sunlight.

- Use your LCD TV in a well-ventilated area and do not cover the ventilation openings.

- Do not modify your LCD TV or use an unshielded power cord or video input source cable, or you may experience excessive interference.

- Disconnect your LCD TV and unplug the power cord when the TV is not used for a long period of time.

- If the picture displayed is in any way abnormal, turn off your LCD TV, then disconnect it from the electrical outlet. Make sure that your video input source cable is connected correctly, then reconnect your LCD TV to the electrical outlet.

- Disconnect your LCD TV from the electrical outlet before cleaning or performing maintenance. Do not use liquid or aerosol cleaners. Use only a slightly damp cloth for cleaning.

- Do not place your LCD TV on an unstable cart, stand, or table. Your LCD TV may fall, causing serious damage.

A. Function Keys Instruction for TV
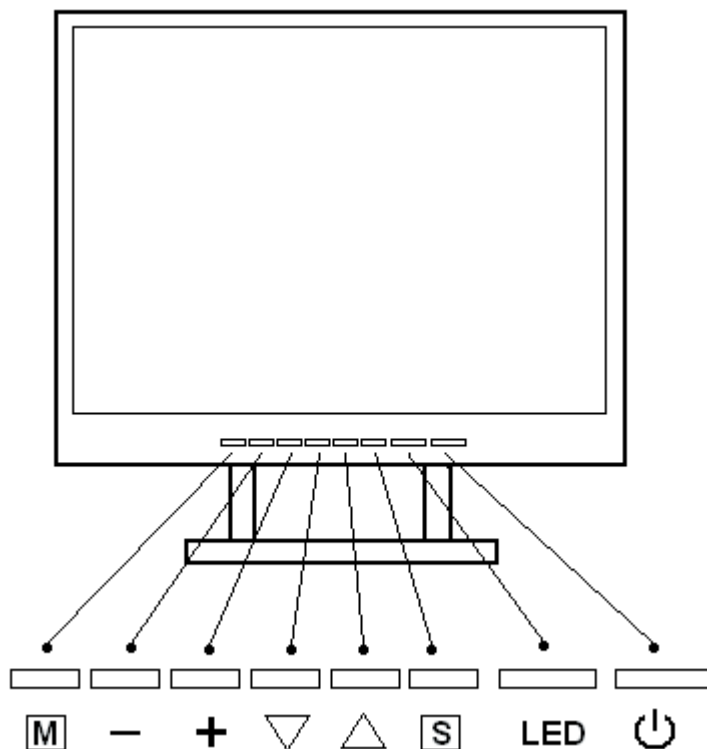
△ Up: Scroll up the menu bar, hot key to adjust channel up

▽ Down: Scroll down the menu bar, hot key to adjust channel down

M Menu: Activate OSD menu

+ Right : Increase setting the menu bar, hot key to adjust volume up

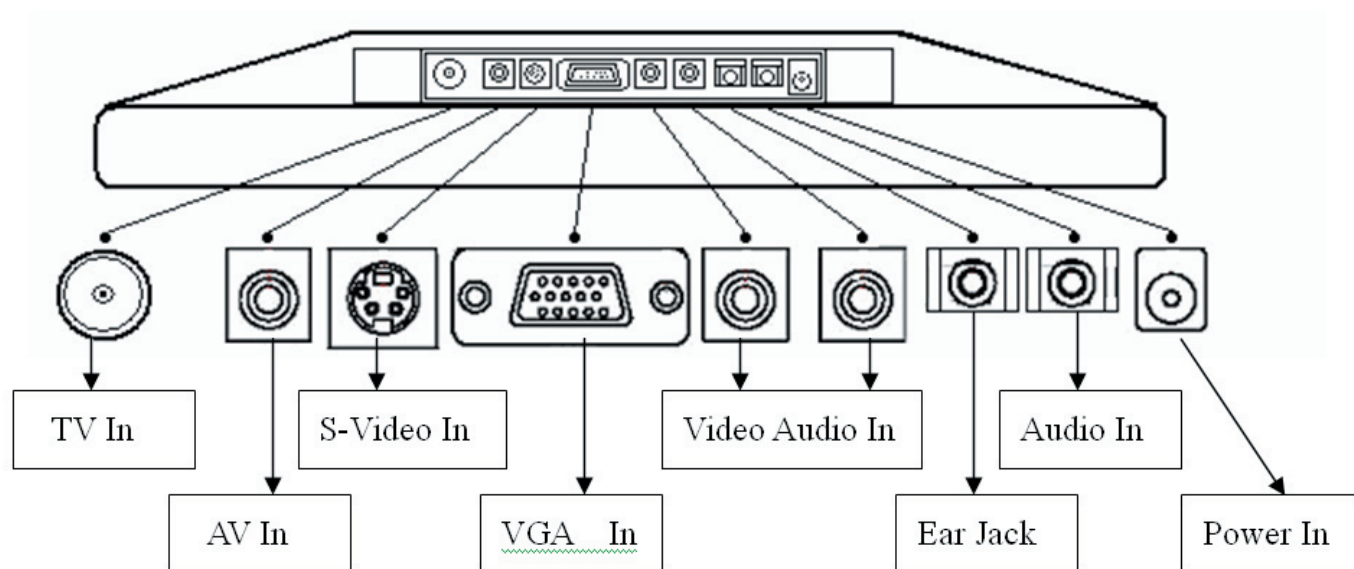− Left : Decrease setting the menu bar, hot key to adjust volume down

S Source: Change input source

⏻ Power: Turn on or off the main board

B. I/O Connection:

TV In	S-Video In	Video Audio In	Audio In

AV In   VGA   In   Ear Jack   Power In

C. OSD (On Screen Display)

menu enables user to manipulate the image and settings

OSD Main menu consists of source:

1. COLOUR

2. PICTURE
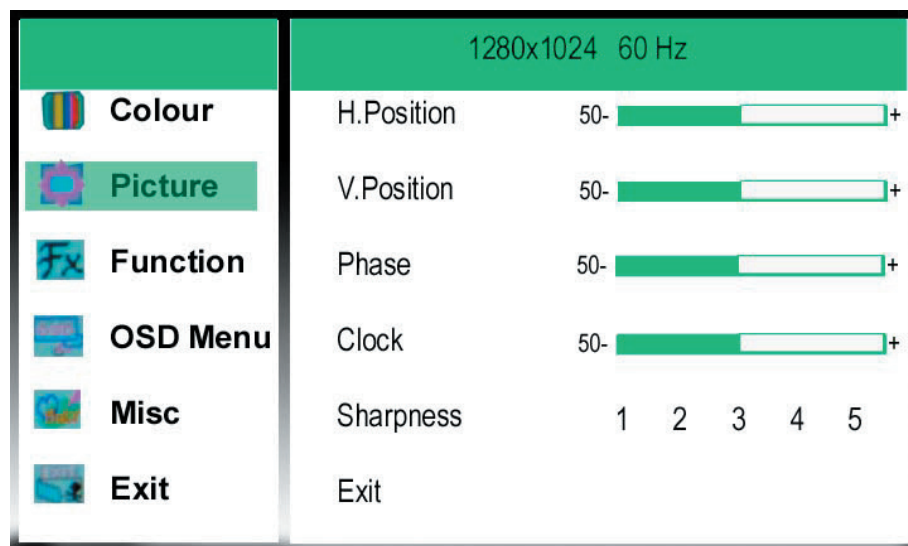
3. OSD MENU

4. MISCELLANEOUS

5. EXIT

COLOUR

| Contrast	Press "+" or "-" to adjust image get distinct or vague
Brightness	Press "+" or "-" to adjust image get dark or bright
Gamma Correct	Press "+" or "-" to set gamma phase
Colour Temp	Press "+" or "-" to set favorite saturation color for 9300 6500 5800 and user
Colour Adjust	Press "MENU" to set favorite color of red, green, and blue
Exit	Press "MENU" to go back MENU
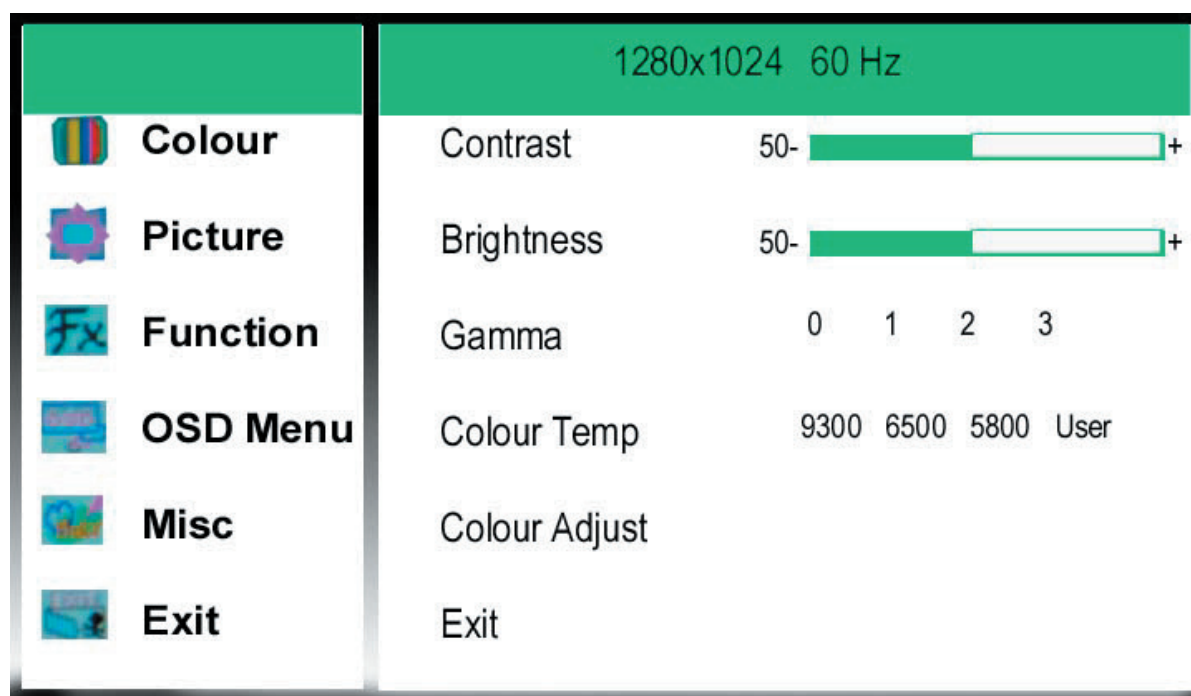
PICTURE

H. Position	Press "+" or "-" to move to left or right side of image
V. Position	Press "+" or "-" to move to up or down side of image
Phase	Press "+" or "-" to adjust remove noise and sharpen the image
Clock	Press "+" or "-" to adjust frequency to fill display
Sharpness	Press "+" or "-" to mark the image become soft
Exit	Press "MENU" to go back MENU

FUNCTION

Auto Adjust	Press "+" or "-" and "MENU" to set auto adjust picture
Auto Color	Press "+" or "-" and "MENU" to set white balance function
Exit	Press "MENU" to go back MENU
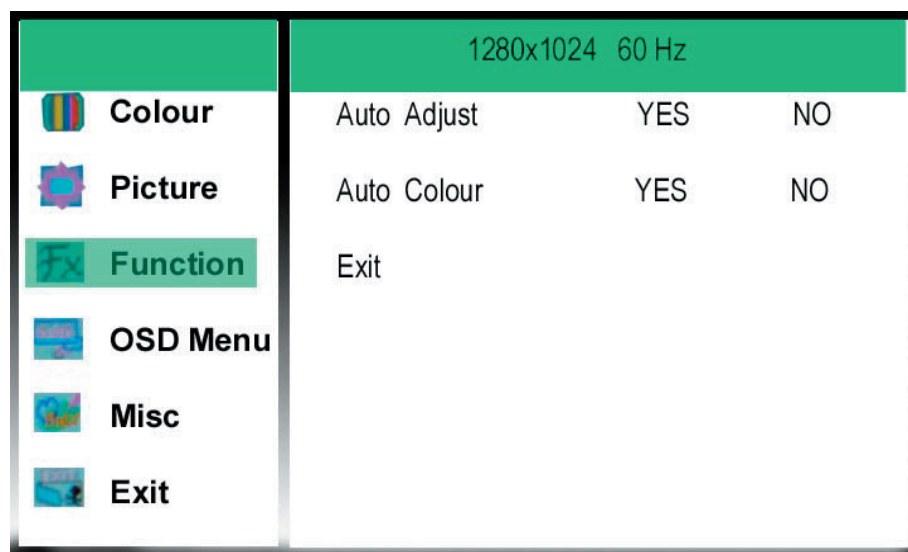
OSD MENU

Language	Press "MENU" to set 8 languages
OSD H. Position	Press "+" or "-" to move to left or right side of OSD
OSD V. Position	Press "+" or "-" to move to up or down side of OSD
OSD Time	Press "+" or "-" to and "MENU" to adjust OSD display time
Translucent	Press "+" or "-" to change OSD background
Exit	Press "MENU" to go back MENU
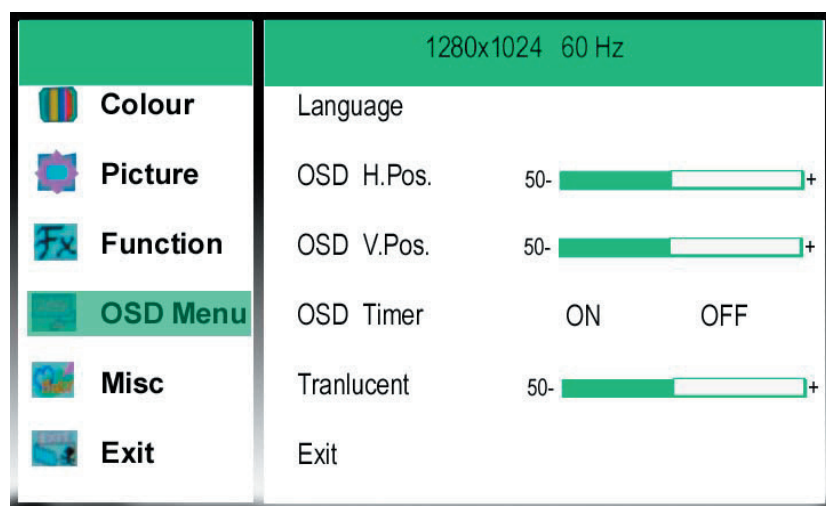
MISCELLANEOUS

Signal Source	Press "MENU" to set D-SUB, DVI
Mode Select	Press "+" or "-" and "MENU" to change model 640x400 or 720x400
Reset	Press "+" or "-" and "MENU" to recall Default value
Volume	Press "+" or "-" to set Volume
Exit	Press "MENU" to go back MENU
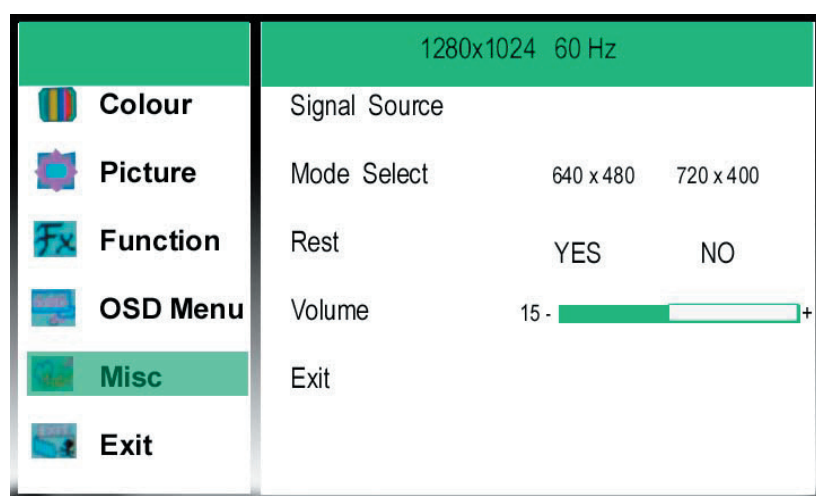
EXIT

Exit	Press "MENU" to go back MENU
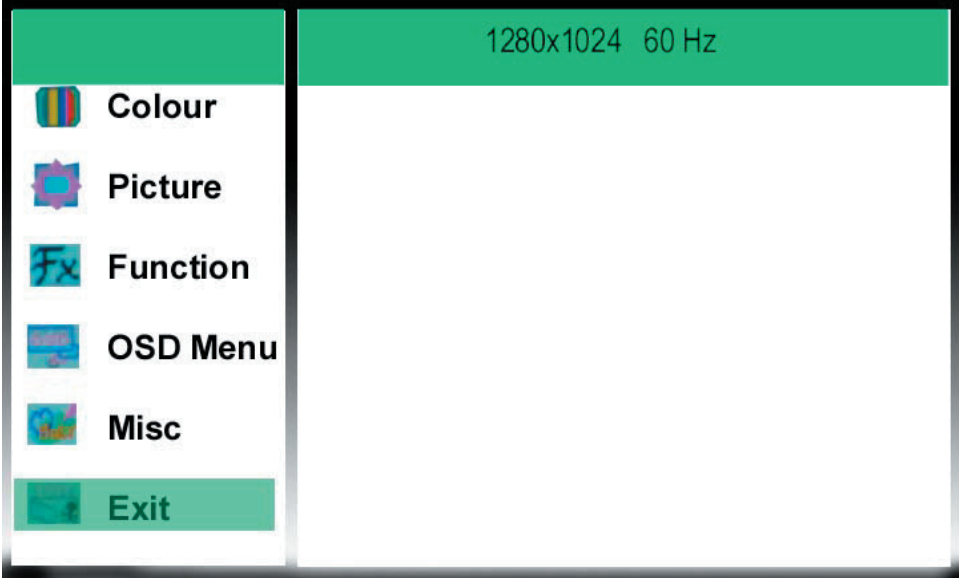
VIDEO OSD

Contrast	Press "+" "-" or IR ◀▶ to adjust image get distinct or vague
Brightness	Press "+" "-" or IR ◀▶ to adjust image get dark or bright
Hue	Press "+" "-" or IR ◀▶ to adjust screen deflection red of green
Saturation	Press "+" "-" or IR ◀▶ to set favorite saturation color
Exit	Press "MENU" to go back MENU

TV OSD

TV Signal	Press "+" "-" or IR ◀▶ to select TV signal from CATV or AIR
TV System	Press "MENU" into TV system to select NTSC,NTSC-J or PAL system
CH	Press "+" "-" or IR ◀▶ to select channel
Auto Scan	Press "+" "-" or IR ◀▶ to chose Auto search channel
CH Edit	Press "MENU" into CH Edit
Exit	Press "MENU" to go back MENU

TV System

	1280x1024 60 Hz		
Colour	TV Signal	YES	NO
Picture	TV System		
Function	CH	15	
OSD Menu	Auto Scan	YES	NO
Misc	CH Edit		
Exit	Exit		

Press "MENU" into TV system

	1280x1024 60 Hz
Colour	NTSC
Picture	NTSC-J
Function	PAL M/N
OSD Menu	Exit
Misc	
Exit	

Press "UP "DOWN" or IR ▲▼ to change the TV system (NTSC, PAL)
Select "Exit" and press "Menu" to exit TV Sstem

CH Edit

	1280x1024 60 Hz		
Colour	TV Signal	YES	NO
Picture	TV System		
Function	CH	15	
OSD Menu	Auto Scan	YES	NO
Misc	CH Edit		
Exit	Exit		

Press "MENU" into CH Edit

	1280x1024 60 Hz	
Colour	CUR CHANNEL	78
Picture	NEW CHANNEL	25
Function	SAVE	
OSD Menu	Exit	
Misc		
Exit		
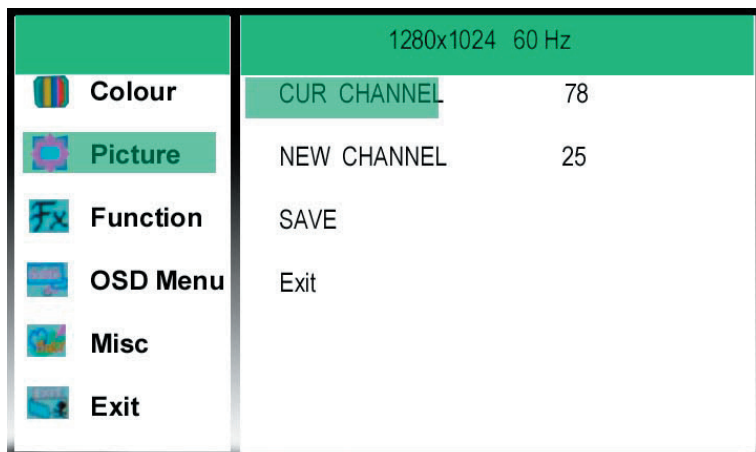
CUR CHANNEL: Press remote control number key, enter channel number. Then press IR MENU key jump to NEW CHANNEL.

Press IR ◄► key cancel channel number to zero.

NEW CHANNEL: Press remote control number key and you want change channel number. Then press IR MENU key.

Press IR ◄► key cancel channel number to zero.

SAVE: Press IR MENU KEY save channel ,then current channel and new channel swap.

Press IR ◄► key cancel your setting and recall default program table.

EXIT: Press "MENU" to exit CH edit item

D. Remote Control

Function key

POWER KEY :

    Power on/off

1 · **S C A N** key : (TV only)

    Auto channel scan.

    After scan, empty channel

    will be skipped. If empty

    channel show out, please enter

    OSD and select CH edit item,

    And recall default channel

    table.

3 · **D I S P L A Y** key :

    Show the channel and volume

4 · **RETURN key** (TV only)

    Channel swap.

5 · **MUTE key**

    Mute function.
    On/Off swap.

6 · **VOL + - key**

    Adjust volume.

7 · **CH + - key**   (TV only)

    Select channel.
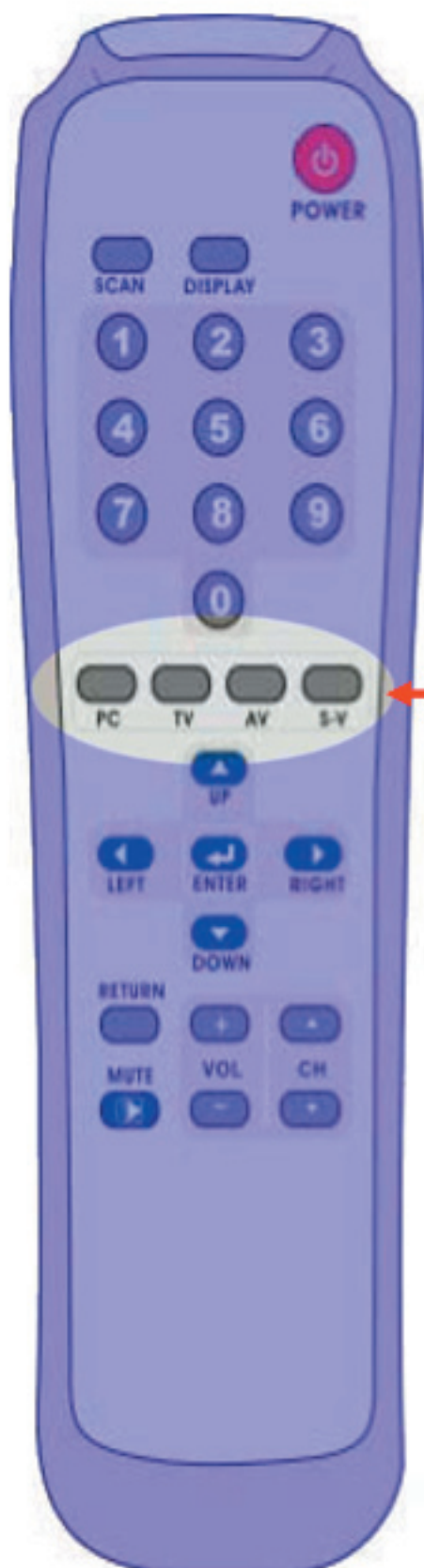
Mode Change function

1 - **PC key**
   Select PC mode

2 - **TV key**
   Select TV mode

3 - **AV key**
   Select AV mode

4 - **SV key**
   Select S-Video mode

Channel Select
(TV only)

Press the number key, it show the channel number on right corner of the screen.

Example:

1. If you want to select channel 3, you just need press "3".

2. When you want to select channel 106, you can press "1", "0", "6" directly.

The TV channel can support 1 2 7 channel，the number over 1 2 7 is not mullity figure．

O S D function

1 · ENTER key

Press key, show the OSD menu or current key.

2 · UP key

After enter menu, select up function.

3 · DOWN key

After enter menu, select down function.

4 · LEFT key

After enter menu, select left or "-" function.

5 · RIGHT key

After enter menu, select Right or "+" function

E. Applicable Timing

RESOLUTION	Refresh Rate	Horizontal Frequency	Pixel Frequency	Standard Type	Remarks
640 x 400	70 Hz	31.46 KHz		VESA Standard	
720 x 400	70 Hz	31.46 KHz		VESA Standard	
640 x 480	60 Hz	31.50 KHz	25.175 MHz	Industrial Standard	RGB TECH Recommendation
	72 Hz	37.90 KHz	31.500 MHz	VESA Standard	
	75 Hz	37.50 KHz	31.500 MHz	VESA Standard	
800 x 600	60 Hz	37.9 KHz	40.000 MHz	VESA Guideline	RGB TECH Recommendation
	72 Hz	48.10 KHz	50.000 MHz	VESA Standard	
	75 Hz	46.90 KHz	49.500 MHz	VESA Standard	
1024 x 768	60 Hz	48.40 KHz	65.000 MHz	VESA Guideline	
	70 Hz	56.5 KHz	75.000 MHz	VESA Standard	
	75 Hz	60.00 KHz	78.750 MHz	VESA Standard	
1280 x 1024	60 Hz	64.00 KHz	108.000 MHz		RGB TECH Recommendation
	75 Hz	80.00 KHz	135.000 MHz		

This A/D board supports the video timing listed above.

In some cases, TFT LCD manufacturers guarantee within specific pixel frequency (dot clock) Range based on the application range. As example, TFT LCD hardly displays the Image properly over 60Hz refresh rate. And also TFT LCD has the best performance at 60 Hz refresh rate. Therefore, it is highly recommended for customers to use this product at 60 Hz refresh rate.

Compatibility

There are lots of VGA cards in the market place. In general, the video signal of various VGA cards compatible with VESA recommendations, but sometimes not.

The TFT LCD controller boards are designed under the assumption that every video signal is standardized, therefore, some VGA cards has mismatch trouble.

To avoid this compatibility issue, our products are tested with popular VGA Cards.

The compatibility test result will be updated in near future

PC RGB Input

Input Signal	Analog RGB 0.7Vp-p
Input Impedance	75 Ohm ± 2%
Polarity	Positive, Negative
Amplitude	0 ~0.7 ± 0.05Vp
Multi-mode Supported	Hhorizontal Frequency: 30~60KHz
	Vertical Frequency: 50~75Hz

Power Supply

Input Voltage	100~240VAC, 50/60Hz
Output Voltage	+12V DC, 4.2A (50W)
Power Management	On: 50W max. (Green LED)
	Off: 1W max. (Red LED)

Environment

Operation Condition	Temperature	5°C to 35°C / 41°F to 95°F
	Relative Humidity	20% to 85%
Storage Condition	Temperature	-20°C to 60°C / -4°F to 140°F
	Relative Humidity	5% to 85%

Chapter 6 Safety, Regulatory and Legal Information

US Regulatory compliance statements

Your LCD TV has been tested and found to comply with the limits for a Class B digital devices, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. Your LCD TV generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instruction, may cause harmful interference to radio communication. However, there is no guarantee that interference with not occur in a particular installation. If your LCD TV does cause harmful interference to radio or television reception, which can be determined by turning your LCD TV off and on, the user is encouraged to try to correct the interference by one or more the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver
- Connect the equipment into an outlet on a circuit differen
  from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning: Use only shielded signal cables to connect I/O devices to your LCD TV. You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could viold your authority to operate the LCD TV.

This LCD TV complies with part 15 FCC Rules. Operation is subject to the following two conditions (1) This device may not cause harmful interference. (2) This LCD TV must accept and interference received, including interference that may cause undesired operation.

Canada Regulatory compliance statements

This LCD TV does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the radio interference regulations of Industry Canada.

Thank you for purchasing Rosewill Product.

Please register your product at www.rosewill.com for complete warranty information and future support for your product.